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(54) Title: HUMAN CATHELICIDIN ANTIMICROBIAL PEPTIDES

Effect of EF on the Inhibitory Activity of Various Antimicrobial Peptides on Staph Aureus (+150mM NaCl and 10% FCS)

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Peptide/Concentration	No EF (%)	+ EF (%)
LL-37 (32μM)	~5	~98
CRAMP (32μM)	~5	~95
PR-39 (32μM)	~5	~98
Cryptdin-4 (32μM)	~5	~98
HBD-2 (32μM)	~5	~98
Demcidin (32μM)	~5	~45
Cecropin P1 (64μg/ml)	~5	~5
Magainin-2 (64μg/ml)	~5	~5
Granulysin Frag (5μM)	~5	~5
Granulysin (5μM)	~5	~5
No Peptide	~5	~5

(57) Abstract: Provided are peptide and peptide consensus sequences, which inhibit bacterial growth and/or viral growth and mimic the activity of LL-37, CRAMP, and/or FALL-39. The peptides are useful as antimicrobials, anti-inflammatories and antiviral agents.

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